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flash memory backup operating system primary

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Operating system including improved file management for use in devices utilizing flash memory as ...

N Daberkó - US Patent 5,787,445, 1998 - freepatentsonline.com

... This means that no backup power source is required ... free and marked for erasure, flash memory space can ... to manipulate files stored in primary and cache memory. ...

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File structure for a non-volatile block-erasable semiconductor flash memory

KB Robinson, DK Elbert, MA Levy - US Patent 5,592,669, 1997 - freepatentsonline.com

... are blocks that provide temporary file back-up during a ... Each flash memory block can be erased all at once ... 114, 116, and 118 thus provide temporary file backup. ...

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System and method for loading diagnostics routines from disk

E Schieve, R Finch - US Patent 5,463,766, 1995 - freepatentsonline.com

... programmable read only memory ("EEPROM," also termed "flash" memory). ... fax cards, printers, tape backup units, CD ... the PC's microprocessor, its memory and video ...

Cited by 40 - Related articles - Web Search - All 3 versions

Data compression controller

R Pattisam, GT DaiSanto - US Patent 5,357,614, 1994 - freepatentsonline.com

... to claim 4, wherein said flash memory stores said ... a functional configuration for a memory backup system 1. Hard ... 11 and system random-access memory (RAM) 12 are ...

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Block-erasable non-volatile semiconductor memory which tracks and stores the total number of write/...

KB Robinson, DK Elbert, MA Levy - US Patent 5,544,356, 1996 - freepatentsonline.com

... are blocks that provide temporary file back-up during a ... Each flash memory block can be erased all at once ... 114, 116, and 118 thus provide temporary file backup. ...

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... apparatus for retaining flash block structure data during erase operations in a flash EEPROM memory ...

RN Hasbun, SE Wells - US Patent 5,581,723, 1996 - freepatentsonline.com

... 395/575, Incremental disk backup system for a dynamically ... those skilled in the art of designing flash memory. ... numbers used by the operating system as addresses ...

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Disk emulation for a non-volatile semiconductor memory utilizing a mapping table

GS Holzhammer, KB Robinson - US Patent 5,630,093, 1997 - Google Patents

... US e R S-12 GEYTE r r•• Vv FLASH S ECTOR 405 ... The loader program of the MS-DOS BIOS loads the rest SEMICONDUCTOR MEMORY UTILIZING A of the operating system. ...

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Algorithms and data structures for flash memories - ►tau.ac.il [PDF]

E Gai, S Toledo - ACM Computing Surveys (CSUR), 2005 - portal.acm.org